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UNITED STATES DEPARTMENT OF AGRICULTURE
Rural Electrification Administration
Washington 25, D. C.

CURRENT SERIAL RECORD

JAN 3 1950

U. S. DEPARTMENT OF AGRICULTURE

GENERAL CONSTRUCTION
BULLETIN NUMBER 170

December 14, 1949

PART I

APPROVED CONSTRUCTION CONTRACTS
AWARDED BY REA BORROWERS

Arizona 14L Cochise: Sulphur Springs Valley Electric Cooperative, Inc., Willcox, Arizona, to Dykes Electric Co., & Corbin & Davis, 623 So. 2nd Ave., Phoenix, Arizona, \$85,189.19 for the construction of 31 miles of transmission line. Engineer (1). last page. PLEASE NOTE: NAMES AND ADDRESS OF SYSTEM ENGINEERS are furnished on the last page of this bulletin. All numbers shown in () space are keyed to like numbers listed with the names and addresses.

Arizona 17D Graham: Graham County Electric Cooperative, Duncan, Arizona, and Arizona 23B Greenlee, Duncan Valley Electric Cooperative, Inc., Duncan, Arizona, have awarded a contract in the amount of \$205,454.50 to the Hallett Construction Co., 26-28 West Main, Crosby, Minnesota on a combined bid covering 47 miles of 69 KV transmission line (Arizona 17, 19 miles; Arizona 23, 28 miles.) Engineer for both (2).

Arizona 22A&B Kingman: Mohave Electric Cooperative, Inc., P. O. Box 848, Kingman, Arizona, to Walsh Construction Corp., 1200 N. Leslie, Sherman, Texas, \$69,604.00 for the construction (labor only) of 143 miles of line to serve 203 members. Engineer (1).

Arkansas 28E Conway: Petit Jean Electric Cooperative, Clinton, Arkansas, to L. O. Brayton & Co., Dyersburg, Tennessee, \$185,555.31 for the construction of 185 miles of line to serve 291 members. Engineer (3).

Colorado 29M Phillips: Highline Electric Association, 221 Denver St., Holyoke, Colorado, to A. B. Reither Construction Co., 602 Denham Bldg., Denver, Colorado, \$150,601.86 for the construction (labor plus poles) of 324.6 miles of line to serve 298 members, plus the conversion of 11 miles of line. Engineer (4).

Georgia 66P Taylor, Section I: Flint Electric Membership Corp., Reynolds, Georgia, to Victory Electric Co., 266 St. Michael St., Mobile 1, Alabama, \$179,156.25 for the construction of 190.70 miles of line to serve 395 members, plus the conversion of 25.92 miles. Engineer (5).

Georgia 83N Jackson: Jackson Electric Membership Corp., Jefferson, Georgia, to Alrich Electric Construction Co., 630 11th St., Augusta, Georgia, \$189,892.61 for the construction of 207 miles of line to serve 587 members, plus the conversion of 13 miles of line. Engineer (6).

Idaho 10L Nez Perce: Clearwater Valley Light & Power Association, Inc., Lewiston, Idaho, to Power City Electric Co., N. 920 Howard St., Spokane, Washington, \$57,531.67 for the construction (labor only) of 31 miles of transmission line. Engineer (7).

Idaho 15F&H Idaho: Idaho County Light & Power Cooperative Association, Inc., Grangeville, Idaho, to B. A. Yerian, Hamilton, Montana, \$121,900.30 for the construction of 77 miles of line to serve 116 members. Engineer (8).

Illinois 37H Saline: Southeastern Electric Cooperative, Inc., Harrisburg, Illinois, to Continental Co., 54 Beverly Place, Dayton 9, Ohio, \$83,880.00 for the construction (labor only) of 28.5 miles of 69 KV transmission line with distribution underbuild plus 3 substations. Engineer (9).

Iowa 36K Wright: Wright County Rural Electric Cooperative, Clarion, Iowa, to Hoak Construction Co., 621 23rd St., Des Moines, Iowa, \$81,512.44 for the construction of 21.42 miles of line to serve 14 members, plus the conversion of 28.8 miles of line. Engineer (10).

Iowa 73K&L Adair: Farmers Electric Cooperative, Inc., Greenfield, Iowa, to Ferguson-Diehl Construction Co., Home State Bank Bldg., Jefferson, Iowa, \$280,214.80 for the construction of 221.4 miles of line to serve 434 members. Engineer (11).

Kansas 14F Sumner Cowley: Sumner-Cowley Electric Cooperative Association, Inc., Wellington, Kansas to Walco Engineering & Construction Co., 2408 East 4th Place, Tulsa 4, Oklahoma, \$90,963.01 for the construction (labor only) of 255 miles of line to serve 390 members, plus the conversion of 20.5 miles of line. Engineer (12).

Kansas 29E3&F Republic: N. C. K. Electric Cooperative, Inc., Belleville, Kansas, to Walco Engineering & Construction Co., 2408 East 4th Place, Tulsa, Oklahoma, \$138,793.74 for the construction (labor only) of 460.91 miles of line to serve 817 members. Engineer (13).

Kansas 42A Lane: The Lane Scott Electric Cooperative, Inc., Dighton, Kansas, to Douglas Contractors, Ltd., 234 Keeline Bldg., Omaha 2, Nebraska, \$289,073.08 for the construction of 307 miles of line to serve 395 members. Engineer (14).

Kentucky 37R Owen, Section I: Owen County Rural Electric Cooperative Corp., Owenton, Kentucky, to Utilities Construction Co., 600 Exchange Bldg., Nashville, Tennessee, \$66,243.95 for the construction 20.5 miles of transmission line. Engineer (15).

Kentucky 46N Harrison: Harrison County Rural Electric Cooperative Corp., Cynthiana, Kentucky, to J. W. Layne, Contractor, 212 $\frac{1}{2}$ Union St., Nashville, Tennessee, \$70,244.41 for the construction of 24 miles of transmission line. Engineer (16).

Louisiana 13S E. Baton Rouge: Dixie Electric Membership Corp., 2900 N. St., Baton Rouge, Louisiana, to R. D. Cooper Construction Co., P. O. Box 1763, Baton Rouge, Louisiana, \$126,109.17 for the construction of 125.09 miles of line to serve 412 members.

Maine 16A Swans Island: Swans Island Electric Cooperative, Inc., Swans Island, Maine, to Plamer Construction Co., 10 Manley St., Auburn, Maine, \$46,926.17 for the construction of 19.02 miles of line to serve 197 members. Engineer (17).

Minnesota 1T Kanabec, Section I: East Central Electric Association, Braham, Minnesota, to Hallett Construction Co., Crosby, Minnesota, \$327,418.25 for the construction of 266 miles of line to serve 606 members. Engineer (18).

Minnesota 60G Redwood: Central Minnesota Cooperative Power Association, Clements, Minnesota, to Mork Hardware and Electric Co., Clarkfield, Minnesota, \$242,401.27 for the construction of 215.7 miles of line to serve 426 members. Engineer (19).

Mississippi 29R,S&T Oktibbeha: Four County Electric Power Association, Columbus, Mississippi to Line Construction Co., Clarksdale, Mississippi, \$105,338.25 for the construction (labor only) of 325 miles of line to serve 1430 members. Engineer (20).

Mississippi 49C Lee, Section IV: Tombigbee Electric Power Association, Tupelo, Mississippi, to Southern Electrical Construction, Inc., P. O. Box 275, Franklinton, Louisiana, \$166,863.36 for the construction of 134 miles of line to serve 630 members. Engineer (21).

Mississippi 50E Chickasaw: Natchez Trace Electric Power Association, Houston, Mississippi, to Ford Construction Co., Taylorsville, Mississippi, \$161,133.10 for the construction of 133 miles of line to serve 509 members, plus a total of 52.8 miles of conversion. Engineer (21).

Missouri 12M2 Pemiscot: Pemiscot-Dunklin Electric Cooperative, Inc., Hayti, Missouri, to D. K. L. Construction Co., 214 Weston St., Jackson, Mississippi, \$34,421.28 for the construction (labor only) of 113.1 miles of line to serve 555 members. Engineer (9).

Missouri 30W&Z Lawrence: Ozark Electric Cooperative, Mt. Vernon, Missouri, to Reinhart & Donovan, 116 N. W. First St., Oklahoma City 2, Oklahoma, \$535,629.82 for the construction of 325.32 miles of line to serve 632 members, plus the conversion of 6 miles of line. Engineer (12).

Missouri 33N Butler: Ozark Border Electric Cooperative, Poplar Bluff, Missouri, to Whalley Construction Co., 318 E. Orleans St., Jackson, Tennessee, \$367,267.74 for the construction of 262.6 miles of line to serve 741 members, plus the conversion 22.4 miles of line. Engineer (3).

Missouri 41p Platte: Platte-Clay Electric Cooperative, Inc., Platte City, Missouri, to James H. Drew Corp., Architects & Builders Bldg., Indianapolis, Indiana, \$172,301.18 for the construction of 135.24 miles of line to serve 290 members. Engineer (12).

Missouri 69F&G Barry: Barry Electric Cooperative, Cassville, Missouri, to Wedding Construction Co., Cloverport, Kentucky, \$98,000.00 for the construction of 69.48 miles of line to serve 163 members, plus the conversion of 4.5 miles of line. Engineer (12).

Montana 33C Custer: Tongue River Electric Cooperative, Inc., Terry, Montana, to Line Builders, Inc., Box 581, Billings, Mont., \$75,776.75 for the construction of 84.85 miles of line to serve 45 members. Engineer (22).

Nebraska 65G,H,K&L Wayne: Wayne County Rural Public Power District, Wayne, Nebraska, to Emil Dupsky Construction Co., Wayne, Nebraska, \$176,287.20 for the construction of 133.31 miles of line to serve 209 members, plus the conversion of 9.48 miles of line. Engineer (23).

Nebraska 71F&G Madison, Section I: Madison County Rural Public Power District, Battle Creek, Nebraska, to Douglas Contractors Ltd., 234 Keeline Bldg., Omaha 2, Nebraska, \$287,520.32 for the construction of 250.15 miles of line to serve 425 members. Engineer (24).

Nebraska 77A&H Norris: Norris Rural Public Power District, Beatrice, Nebraska to Illinois-Iowa Construction Co., Abingdon, Illinois, \$178,882.32 for the construction of 161.51 miles of line to serve 275 members, plus the conversion of 19 miles of line. Engineer (10).

Nebraska 82C&D Furnsas, Section III: Twin Valleys Electric Membership Association, Cambridge, Nebraska, to J. R. Foree, 302 National Bank Bldg., Topeka, Kansas, \$16,130.42 for the construction of 11.49 miles of transmission line. Engineer (4).

Nebraska 86B&C Dundy: Southwest Electric Membership Corp., Palisade, Nebraska, two contracts: Section II: to Douglas Contractors, Ltd., 234 Keeline Bldg., Omaha 2, Nebraska, \$321,061.79 for the construction of 301.04 miles of line to serve 338 members. Section III: to A. B. Reither Construction Co., 602 Denham Bldg., Denver, Colorado, \$250,902.03 for the construction of 51.4 miles of 69 KV transmission line and substations. Engineer for both (4).

North Carolina 33M Martin: Halifax Electric Membership Corporation, Enfield, North Carolina, to F. D. Cline Construction Co., Box 349, Raleigh, North Carolina, \$124,536.42 for the construction of 101.81 miles of line to serve 297 members. (Note: Part of the materials to be used will be furnished by the cooperative.) Engineer (17).

North Dakota 33D Stark: West Plains Electric Cooperative, Inc., Dickinson, North Dakota, to W. L. Coston & Sons, Birmingham, Alabama, \$489,869.20 for the construction of 543.63 miles of line to serve 434 members. Engineer (25).

Ohio 32P Belmont, Section II: Belmont Electric Cooperative, Inc., St. Clairsville, Ohio, to Wolfrey Electric Co., 2119 Cleveland St., Columbus, Ohio, \$110,324.91 for the construction of 5.95 miles of line, plus the conversion of 48.59 miles of line and removal of 4.55 miles of line. Engineer (15).

Oklahoma 15U Tillman: Southwest Rural Electric Association, Tipton, Oklahoma, to Basanda Construction Co., 2925 N. W. 39th Terrace, Oklahoma City 7, Oklahoma, \$273,396.15 for the construction of 198.5 miles of line to serve 273 members, plus substations and the conversion of 15.6 miles of line. Engineer (26).

Oklahoma 19R&S Craig: Northeast Oklahoma Electric Cooperative, Inc., Vinita, Oklahoma, to Turner Electric Co., Inc., Shawnee, Oklahoma, \$353,741.19 for the construction of 290 miles of line to serve 630 members. Engineer (27).

Oklahoma 24N Lincoln: Central Rural Electric Cooperative, Stillwater, Oklahoma, to Irby Construction Co., 817 So. State St., Jackson, Miss., \$268,266.01 for the construction of 236.54 miles of line to serve 348 members, plus the conversion of 43.5 miles of line.

Oklahoma 31K Woodward: Northwestern Electric Cooperative, Inc., Woodward, Oklahoma, to J & J Construction Co., 1801 Petroleum Bldg., Oklahoma City, Oklahoma, \$248,695.47 for the construction of 91 miles of transmission line. (Note: part of materials to be used are being furnished by the cooperative.) Engineer (28).

South Dakota 19C,D&E Turner, Section I & II: Turner-Hutchinson Electric Association, Inc., Marion, South Dakota, to Franzen Brothers, Palisades, Minnesota, Section I: \$318,938.51 for the construction of 290 miles of line to serve 365 members, plus the conversion of 26.8 miles of line. Section II: \$226,532.98 for the construction of 210 miles of line to serve 280 members. Engineer for both (29).

South Dakota 36C1 Edmunds: FEM Electric Association, Inc., Ipswich, South Dakota, to Swift Electric Co., Wheaton, Minnesota, \$398,359.55 for the construction of 473.2 miles of line to serve 372 members. Engineer (19).

South Dakota 37A Hughes: Central Electric Association, Inc., Blunt, South Dakota, to Philard, Inc., Huron, South Dakota, \$507,909.30 for the construction of 434.5 miles of line to serve 465 members. Engineer (30).

South Dakota 40A Perkins: Upper Grand River Electric Association, Inc., Bison, South Dakota, to Zontelli Construction Co., Ironton, Minnesota, \$481,419.05 for the construction of 458.5 miles of line to serve 458 members. Engineer (30).

Tennessee 24K Montgomery: Cumberland Electric Membership Corp., Clarksville, Tennessee, to Utilities Construction Co., 600 Exchange Bldg., Nashville, Tennessee, \$254,878.95 for the construction of 210 miles of line to serve 741 members. Engineer (31).

Tennessee 32E Hickman, Section I: Meriwether Lewis Electric Cooperative, Centerville, Tennessee, to G. T. Key Co., 1212 South Hull St., Montgomery, Alabama, \$224,700.74 for the construction of 217.81 miles of line to serve 679 members. Engineer (32).

Tennessee 36B Scott, Section I: Plateau Electric Cooperative, Oneida, Tenn., to Smith Construction Co., 1000 44th Ave., North, Nashville, Tennessee, \$290,813.65 for the construction of 200.04 miles of line to serve 868 members, plus the conversion of 13.7 miles of line. Engineer (33).

Texas 61N Coleman: Coleman County Electric Cooperative, Inc., Coleman, Texas, to B-Line Construction Co., 520 First National Bank Bldg., Oklahoma City, Oklahoma, \$175,583.00 for the construction of 164.54 miles of line to serve 240 members. Engineer (34).

Texas 86N,P&R Comanche, Section II: Comanche County Electric Cooperative, Comanche, Texas, to B-Line Construction Co., 520 First National Bank Bldg., Oklahoma City, Oklahoma, \$243,729.25 for the construction of 248 miles of line to serve 523 members. Engineer (34).

Texas 124C Schleicher, Section III: Southwest Texas Electric Cooperative, Inc., Eldorado, Texas, to Willis and Hinders, P. O. Box 204, Olney, Texas, \$35,595.81 for the construction (labor only) of 128 miles of line to serve 55 members. Engineer (35).

PART II - APPROVED PRELIMINARY PLANS AND SPECIFICATIONS

Georgia 83N Jackson, (Final Plans & Specs): Jackson Electric Membership Corporation, Jefferson, Georgia, 220 miles, 587 members. Engineer (6).

Mississippi 47A Tippah: Tippah Electric Power Association, Ripley, Mississippi, 382.6 miles, 1,100 members. Engineer (20).

South Carolina 38F, G&H Oconee, Section III: Blue Ridge Electric Cooperative, Pickens, South Carolina, 98.94 miles, 300 members. Engineer (36).

South Dakota 17G Hamlin: H-D Electric Cooperative, Clear Lake, South Dakota, 77.2 miles, 170 members. Engineer (30).

NAMES AND ADDRESSES OF SYSTEM ENGINEERS (Expl. Item 1, pagel.)

1. Tynes and Loftin, 512 Heard Bldg., Phoenix, Arizona
2. Robert S. Harris, 832 LaLuz Drive, Albuquerque, New Mexico
3. Swindell Engineering Co., Main & Cedar, Poplar Bluff, Missouri
4. Flora Engineering Co., 1717 E. Colfax Ave., Denver, Colorado
5. Southern Engineering Co., 699 Spring St., N. W., Atlanta 3, Ga.
6. Patterson & Dewar, Engineers, Rutland Bldg., Decatur, Georgia
7. Howard Zenier and Associates, Lewiston, Idaho
8. Verne E. Ashley, Moose Bldg., Box 689, Missoula, Montana
9. Rural Line Engineers, 440 S. Brentwood Blvd., Clayton 5, Missouri
10. Brown Engineering Co., Valley Bank Bldg., Des Moines, Iowa
11. Philip L. Burns, 630 Davenport Bank Bldg., Davenport, Iowa
12. Frank Horton and Company, Lamar, Missouri
13. Raymond H. Reed & Co., 2305½ 13th St., Columbus, Nebraska
14. John C. Leavitt Co., Garden City, Kansas
15. Blue Grass Engineers, Inc., 2700 East Main St., Columbus, Ohio
16. Painter Engineering Co., 841 Darley Drive, Lexington, Kentucky
17. L. E. Wooten & Co., Suite 712, Capital Club Bldg., Raleigh, North Carolina
18. United Engineering Service, 600 Kasota Bldg., Minneapolis, Minnesota
19. Banister Engineering Co., 1586 University Ave., St. Paul 4, Minnesota
20. Allen and Hoshel, 65 McCall Place, Memphis, Tennessee
21. Bowman and Bowman, 516 East Jefferson St., Greenwood, Mississippi
22. Associated Engineers, 206 12th St., Bismarck, North Dakota
23. Henningson Engineering Co., 626 Standard Oil Bldg., Omaha, Nebraska
24. H. S. Nixon Engineering Co., 305 W. O. W. Bldg., Omaha 2, Nebraska
25. Ulteig Engineering Corp., 1114½ Front St., Fargo, North Dakota
26. E. R. Taylor & Associates, 4107A E. 11th St., Tulsa 12, Okla.
27. W. R. Holway and Associates, City Hall, Vinita, Oklahoma
28. C. H. Guernsey & Co., 1414 N. Robinson, Oklahoma City, Oklahoma
29. Buell and Winter, 508 Insurance Exchange Bldg., Sioux City, Iowa
30. Scott Engineering Co., Inc., Watertown, South Dakota
31. William M. Wilson, East Side Public Square, Shelbyville, Tennessee
32. McWhorter and Franklin, Engineers, 2535 Franklin Road, Nashville, Tenn.
33. Cottrell and House, 902 Stahlman Bldg., Nashville, Tennessee
34. Freese and Nichols, 407 Danciger Bldg., Fort Worth, Texas
35. Beavers and Lodal, 1408 Transit Tower, San Antonio, Texas
36. Southern Engineering Co., 699 Spring St., N. W., Atlanta, Georgia